ratus at least to collecting measurements for mobility and radio link monitor (RLM) only from the subframes in which all neighboring cells are downlink.

11. The apparatus according to claim 10, wherein one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which all the neighboring cells are downlink.

12. The apparatus according to claim 9, wherein another one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which each neighboring cell may be uplink or downlink.

13. The apparatus according to claim 9, wherein the apparatus comprises user equipment.

14. A computer program, embodied on a computer readable medium, the computer program configured to control a processor to perform a process, comprising:

designating all subframes in a time division duplex configuration as downlink subframes, with the exception of any subframes scheduled for uplink data and control transmission;

monitoring downlink control channels in the subframes designated as downlink subframes; and

defining at least two different channel state information (CSI) report subframe subsets according to interference levels.

15. A method, comprising:

receiving at least one channel state information (CSI) report from a user equipment, wherein the at least one channel state information (CSI) report comprises at least two different channel state information (CSI) report subframe subsets defined according to the interference levels; and

scheduling the user equipment according to the channel state information (CSI) report subframe subsets.

16. The method according to claim 15, wherein one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which all the neighboring cells are downlink.

17. The method according to claim 15, wherein the subframes in which all the neighboring cells are downlink comprises subframes 0, 1, 5, 6.

18. The method according to claim 15, wherein another one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which each neighboring cell may be uplink or downlink.

19. The method according to claim 15, wherein the subframes in which each neighboring cell may be uplink or downlink comprises subframes 3, 4, 7, 8, 9.

20. The method according to claim 15, wherein downlink-to-uplink reconfiguration periodicity comprises 10 ms, 200 ms, 640 ms or other periodicities.

21. The method according to claim 15, further comprising configuring the channel state information (CSI) report subframe subsets, and informing the subsets to the user equipment through higher layer signaling or system broadcast information.

22. An apparatus, comprising:

at least one processor; and

at least one memory including computer program code,

the at least one memory and the computer program code configured, with the at least one processor, to cause the apparatus at least to

receive at least one channel state information (CSI) report from a user equipment, wherein the at least one channel state information (CSI) report comprises at least two different channel state information (CSI) report subframe subsets defined according to the interference levels; and

schedule the user equipment according to the channel state information (CSI) report subframe subsets.

23. The apparatus according to claim 22, wherein one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which all the neighboring cells are downlink.

24. The apparatus according to claim 22, wherein another one of the at least two different channel state information (CSI) report subframe subsets comprises those subframes in which each neighboring cell may be uplink or downlink.

25. The apparatus according to claim 22, wherein downlink-to-uplink reconfiguration periodicity comprises 10 ms, 200 ms, 640 ms or other periodicities.

26. The apparatus according to claim 22, wherein the at least one memory and the computer program code are further configured, with the at least one processor, to cause the apparatus at least to configure the channel state information (CSI) report subframe subsets, and to inform the subsets to UE through higher layer signaling or system broadcast information.

27. The apparatus according to claim 20, wherein the apparatus comprises an eNodeB.

28. A computer program, embodied on a computer readable medium, the computer program configured to control a processor to perform a process, comprising:

receiving at least one channel state information (CSI) report from a user equipment, wherein the at least one channel state information (CSI) report comprises at least two different channel state information (CSI) report subframe subsets defined according to the interference levels; and

scheduling the user equipment according to the channel state information (CSI) report subframe subsets

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